

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	18	Complete if Known
-------	---	----	----	-------------------

Application Number	10/599,088
Filing Date	9/19/2006
First Named Inventor	Chung-Cheung Chu
Art Unit	2614
Examiner Name	Phung H.J. Nguyen
Attorney Docket Number	1809/61/2 PCT/US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	US-2010/0305943 A1	12-02-2010	Witzel et al.	
	2	US-7,729,346 B2	06-01-2010	Lee et al.	
	3	US-7,839,601	12-29-2009	Rabipour et al.	
	4	US-7,593,415 B2	09-22-2009	Li et al.	
	5	US-7,471,655 B2	12-30-2008	Gallagher et al.	
	6	US-2008/0316980 A1	12-25-2008	Ahlen et al.	
	7	US-2008/0283416 A1	11-27-2008	Yi et al.	
	8	US-2008/0288245 A1	11-20-2008	El-Maleh et al.	
	9	US-2008/0225765 A1	09-18-2008	Marinier et al.	
	10	US-7,400,881 B2	07-15-2008	Kallio	
	11	US-2008/0151845 A1	06-26-2008	Jaakkola et al.	
	12	US-2008/0123596 A1	06-29-2008	Gallagher et al.	
	13	US-7,369,859 B2	05-06-2008	Gallagher	
	14	US-2008/0102794 A1	05-01-2008	Keevill et al.	
	15	US-7,349,698 B2	03-25-2008	Gallagher et al.	
	16	US-2008/0039087 A1	02-14-2008	Gallagher et al.	
	17	US-2007/0286062 A1	12-13-2007	Hilspoons et al.	
	18	US-7,305,229 B2	12-04-2007	Fox et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	2	of	18	Complete if Known
-------	---	----	----	-------------------

Application Number	10/599,088
Filing Date	9/19/2006
First Named Inventor	Chung-Cheung Chu
Art Unit	2614
Examiner Name	Phung H.J. Nguyen
Attorney Docket Number	1809/61/2 PCT/US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	19	US-7,304,984 B2	12-04-2007	Butler et al.	
	20	US-7,280,530 B2	10-09-2007	Chang et al.	
	21	US-2007/0186002 A1	08-09-2007	Campbell et al.	
	22	US-2007/0171841 A1	07-26-2007	Witzel et al.	
	23	US-7,245,931 B2	07-17-2007	Wang et al.	
	24	US-7,245,589 B2	07-17-2007	Neulist et al.	
	25	US-7,240,000 B2	07-03-2007	Harada	
	26	US-2007/0140293 A1	06-21-2007	Agarwal et al.	
	27	US-2007/0140214 A1	06-21-2007	Zollan	
	28	US-7,233,595 B1	06-19-2007	Hollis et al.	
	29	US-2007/0135165 A1	06-14-2007	Junghanns et al.	
	30	US-2007/0127436 A1	06-07-2007	Karimi-Cherkandi et al.	
	31	US-2007/0127357 A1	06-07-2007	Tamura	
	32	US-2007/0125196 A1	05-31-2007	Tamura	
	33	US-7,203,226 B1	04-10-2007	Rabipour et al.	
	34	US-2007/0041360 A1	02-22-2007	Gallagher et al.	
	35	US-2007/0043558 A1	02-22-2007	Schwarz et al.	
	36	US-7,181,209 B2	02-20-2007	Tamura	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>			Complete if Known	
Application Number	10/599,088			
Filing Date	9/19/2006			
First Named Inventor	Chung-Cheung Chu			
Art Unit	2614			
Examiner Name	Phung H.J. Nguyen			
Attorney Docket Number	1809/61/2 PCT/US			
Sheet	3	of	18	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)	MM-DD-YYYY		
	37	US-7,180,892 B1	02-20-2007	Tackin	
	38	US-2007/0011727 A1	01-11-2007	Mielenz et al.	
	39	US-7,162,024 B2	01-09-2007	Wah et al.	
	40	US-2006/0291483 A1	12-28-2006	Sela	
	41	US-2006/0291454 A1	12-28-2006	Ali	
	42	US-2006/0286981 A1	12-21-2006	Suumaki et al.	
	43	US-2006/0268888 A1	11-30-2006	Liu et al.	
	44	US-2006/0258845 A1	11-30-2006	He et al.	
	45	US-7,136,375 B1	11-14-2006	Koistinen	
	46	US-2006/0229068 A1	10-12-2006	Niemela et al.	
	47	US-7,106,701 B2	09-12-2006	Stumpert et al.	
	48	US-2006/0198347 A1	09-07-2006	Hurtta et al.	
	49	US-7,103,021 B2	09-05-2006	Jou	
	50	US-2006/0193289 A1	08-31-2006	Ronneke et al.	
	51	US-7,095,733 B1	08-22-2006	Yarlagadda et al.	
	52	US-7,089,011 B1	08-08-2006	Mangal	
	53	US-7,085,289 B2	08-01-2006	Cromer et al.	
	54	US-7,082,143 B1	07-25-2006	LeBlanc et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	MM-DD-YYYY			

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on and amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/599,088
Filing Date	9/19/2006
First Named Inventor	Chung-Cheung Chu
Art Unit	2614
Examiner Name	Phung H.J. Nguyen
Attorney Docket Number	1809/61/2 PCT/US

Sheet	4	of	18
-------	---	----	----

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
	55	US-2006/0154686 A1	07-13-2006	Sarkinen et al.	
	56	US-7,072,358 B2	07-04-2006	Suvaran	
	57	US-7,068,623 B1	06-27-2006	Barany et al.	
	58	US-7,058,085 B2	06-05-2006	Eamshaw et al.	
	59	US-7,054,320 B1	05-30-2006	Lee et al.	
	60	US-7,054,318 B2	05-30-2006	Eneroth et al.	
	61	US-2006/0092927 A1	05-04-2006	Li et al.	
	62	US-7,023,819 B2	04-04-2006	Falsafi	
	63	US-2006/0067221 A1	03-30-2006	Lee et al.	
	64	US-2006/0082225 A1	03-23-2006	Li et al.	
	65	US-2006/0050864 A1	03-09-2006	Guey	
	66	US-2006/0046658 A1	03-02-2006	Cruz et al.	
	67	US-7,006,489 B2	02-28-2006	Li et al.	
	68	US-6,999,459 B1	02-14-2006	Callon et al.	
	69	US-6,990,340 B2	01-24-2006	Tamura et al.	
	70	US-6,985,530 B1	01-10-2006	Zerbe	
	71	US-6,983,163 B2	01-03-2006	Sato et al.	
	72	US-2005/0286466 A1	12-29-2005	Tagg et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³ - Number ⁴ - Kind Code ⁶ (if known)				

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	5	of	18
-------	---	----	----

Complete if Known

Application Number	10/599,088
Filing Date	9/19/2006
First Named Inventor	Chung-Cheung Chu
Art Unit	2614
Examiner Name	Phung H.J. Nguyen
Attorney Docket Number	1809/61/2 PCT/US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	73	US-6,973,024 B1	12-06-2005	Joseph et al.	
	74	US-2005/0267746 A1	12-01-2005	Jelinek et al.	
	75	US-2005/0265279 A1	12-01-2005	Markovic et al.	
	76	US-6,967,972 B1	11-22-2005	Vofitsun et al.	
	77	US-6,967,958 B2	11-22-2005	Ono et al.	
	78	US-2005/0232232 A1	10-20-2005	Farber et al.	
	79	US-6,955,818 B1	10-18-2005	Alexander et al.	
	80	US-2005/0195829 A1	09-08-2005	Ward	
	81	US-2005/0185604 A1	08-26-2005	Agarwal	
	82	US-2005/0157823 A1	07-21-2005	Sudhakar	
	83	US-6,898,208 B1	05-24-2005	Sligo et al.	
	84	US-2005/0105512 A1	05-19-2005	Myhre et al.	
	85	US-2005/0099940 A1	05-12-2005	Ohenoja et al.	
	86	US-6,885,638 B2	04-28-2005	Xu et al.	
	87	US-2005/0084094 A1	04-21-2005	Gass et al.	
	88	US-2005/0073977 A1	04-07-2005	Vanghi et al.	
	89	US-2005/0074017 A1	04-07-2005	Qian et al.	
	90	US-6,885,220 B2	03-08-2005	Abrishami	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² - Number ³ - Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>		Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/599,088</td> </tr> <tr> <td>Filing Date</td> <td>9/19/2006</td> </tr> <tr> <td>First Named Inventor</td> <td>Chung-Cheung Chu</td> </tr> <tr> <td>Art Unit</td> <td>2614</td> </tr> <tr> <td>Examiner Name</td> <td>Phung H.J. Nguyen</td> </tr> <tr> <td>Attorney Docket Number</td> <td>1809/61/2 PCT/US</td> </tr> </table>		Application Number	10/599,088	Filing Date	9/19/2006	First Named Inventor	Chung-Cheung Chu	Art Unit	2614	Examiner Name	Phung H.J. Nguyen	Attorney Docket Number	1809/61/2 PCT/US
Application Number	10/599,088														
Filing Date	9/19/2006														
First Named Inventor	Chung-Cheung Chu														
Art Unit	2614														
Examiner Name	Phung H.J. Nguyen														
Attorney Docket Number	1809/61/2 PCT/US														
Sheet	6	of	18												

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	91	US-2005/0027948 A1	02-03-2005	Marian et al.	
	92	US-6,850,883 B1	02-01-2005	Kapanen et al.	
	93	US-6,850,778 B1	02-01-2005	Honkala et al.	
	94	US-2005/0013281 A1	01-20-2005	Milton et al.	
	95	US-6,845,089 B1	01-18-2005	Gu et al.	
	96	US-2005/0007973 A1	01-13-2005	Jang et al.	
	97	US-6,842,461 B2	01-11-2005	Harris	
	98	US-2004/0265426 A1	12-30-2004	Marsh et al.	
	99	US-2004/0254786 A1	12-16-2004	Kita et al.	
	100	US-2004/0252681 A1	12-16-2004	Rabipour et al.	
	101	US-2004/0208132 A1	10-21-2004	Neulist et al.	
	102	US-2004/0196867 A1	10-07-2004	Eljak et al.	
	103	US-6,795,437 B1	09-21-2004	Rasänen et al.	
	104	US-6,781,983 B1	08-24-2004	Armistead	
	105	US-6,778,517 B1	08-17-2004	Lou et al.	
	106	US-6,785,931 B1	07-20-2004	Rabenko et al.	
	107	US-2004/0131051 A1	07-08-2004	Rabipour et al.	
	108	US-2004/0133419 A1	07-08-2004	El-Maleh et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments and amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	7	of	18	Attorney Docket Number	1809/61/2 PCT/US
-------	---	----	----	------------------------	------------------

Complete if Known

Application Number	10/599,088
Filing Date	9/19/2006
First Named Inventor	Chung-Cheung Chu
Art Unit	2614
Examiner Name	Phung H.J. Nguyen
Attorney Docket Number	1809/61/2 PCT/US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	109	US-2004/0131025 A1	07-08-2004	Dohier et al.	
	110	US-2004/0114922 A1	06-17-2004	Hardee	
	111	US-2004/0114588 A1	06-17-2004	Bhaskaran	
	112	US-2004/0110539 A1	06-10-2004	El-Maleh et al.	
	113	US-2004/0100914 A1	05-27-2004	Hellwig et al.	
	114	US-6,731,627 B1	05-24-2004	Li et al. (Gupta et al.)	
	115	US-2004/0090989 A1	05-13-2004	Kobayashi	
	116	US-6,731,647 B2	05-04-2004	Yao	
	117	US-6,731,627 B1	05-04-2004	Gupta et al.	
	118	US-2004/0073424 A1	04-15-2004	Geppert et al.	
	119	US-6,721,269 B2	04-13-2004	Cao et al.	
	120	US-2004/0047364 A1	03-11-2004	Briggs et al.	
	121	US-2004/0037314 A1	02-26-2004	Spear	
	122	US-2004/0037224 A1	02-26-2004	Choi et al.	
	123	US-6,693,996 B2	02-17-2004	Mansfield	
	124	US-2004/0008652 A1	01-15-2004	Tanzella et al.	
	125	US-6,671,367 B1	12-30-2003	Graf et al.	
	126	US-6,656,064 B1	12-02-2003	Rotola-Pukila et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/599,088
Filing Date	9/19/2006
First Named Inventor	Chung-Cheung Chu
Art Unit	2614
Examiner Name	Phung H.J. Nguyen
Attorney Docket Number	1809/61/2 PCT/US

Sheet	8	of	18
-------	---	----	----

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
	127	US-2003/0210659 A1	11-13-2003	Chu et al.	
	128	US-6,847,428 B1	11-11-2003	Bannai et al.	
	129	US-2003/0189270 A1	10-09-2003	Bei et al.	
	130	US-6,625,169 B1	09-23-2003	Tofano	
	131	US-6,814,781 B1	09-02-2003	Elliott et al.	
	132	US-6,800,738 B1	07-21-2003	Alperovich et al.	
	133	US-2003/0135376 A1	07-17-2003	Harada	
	134	US-2003/0135784 A1	07-17-2003	Yamaguchi et al.	
	135	US-2003/0134653 A1	07-17-2003	Sarkinen et al.	
	136	US-2003/0133423 A1	07-17-2003	LaDue	
	137	US-2003/0123466 A1	07-03-2003	Somesh et al.	
	138	US-2003/0123485 A1	07-03-2003	Yi et al.	
	139	US-2003/0112796 A1	06-19-2003	Kwan	
	140	US-6,574,489 B1	06-03-2003	Xiang et al.	
	141	US-2003/0072273 A1	04-17-2003	Alejo et al.	
	142	US-6,549,945 B1	04-15-2003	Sinibaldi et al.	
	143	US-2003/0058822 A1	03-27-2003	Jou	
	144	US-2003/0032440 A1	02-13-2003	Sato et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ² - Number ⁴ - Kind Code ⁵ (if known)				

Examiner
Signature

Date

Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>		Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/599,088</td> </tr> <tr> <td>Filing Date</td> <td>9/19/2006</td> </tr> <tr> <td>First Named Inventor</td> <td>Chung-Cheung Chu</td> </tr> <tr> <td>Art Unit</td> <td>2614</td> </tr> <tr> <td>Examiner Name</td> <td>Phung H.J. Nguyen</td> </tr> <tr> <td>Attorney Docket Number</td> <td>1809/61/2 PCT/US</td> </tr> </table>		Application Number	10/599,088	Filing Date	9/19/2006	First Named Inventor	Chung-Cheung Chu	Art Unit	2614	Examiner Name	Phung H.J. Nguyen	Attorney Docket Number	1809/61/2 PCT/US
Application Number	10/599,088														
Filing Date	9/19/2006														
First Named Inventor	Chung-Cheung Chu														
Art Unit	2614														
Examiner Name	Phung H.J. Nguyen														
Attorney Docket Number	1809/61/2 PCT/US														
Sheet	9	of	18												

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)	MM-DD-YYYY		
	145	US-2002/0116673 A1	08-29-2002	Abrishami et al.	
	146	US-2002/0106029 A1	08-08-2002	Bunn et al.	
	147	US-6,424,637 B1	07-23-2002	Pecen et al.	
	148	US-6,414,964 B1	07-02-2002	Holmquist et al.	
	149	US-2002/0072364 A1	06-13-2002	Tamura	
	150	US-6,392,993 B1	05-21-2002	Hamilton et al.	
	151	US-6,389,016 B1	05-14-2002	Sabaa et al.	
	152	US-2002/0054571 A1	05-09-2002	Falsafi	
	153	US-2002/0049860 A1	04-25-2002	Koistinen	
	154	US-2002/0027930 A1	03-07-2002	Huh et al.	
	155	US-6,353,666 B1	03-05-2002	Henderson et al.	
	156	US-2002/0019881 A1	02-14-2002	Bokhari et al.	
	157	US-2002/0013147 A1	01-31-2002	Fauconnier et al.	
	158	US-6,339,594 B1	01-15-2002	Civanlar et al.	
	159	US-2002/0001302 A1	01-03-2002	Pickett	
	160	US-6,324,515 B1	11-27-2001	Rabipour et al.	
	161	US-6,324,409 B1	11-27-2001	Shaffer et al.	
	162	US-2001/0043577 A1	11-22-2001	Barany et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ² - Number ⁴ - Kind Code ⁵ (if known)	MM-DD-YYYY			

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.99. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on and amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	10	of	18
-------	----	----	----

Complete if Known

Application Number	10/599,088
Filing Date	9/19/2006
First Named Inventor	Chung-Cheung Chu
Art Unit	2614
Examiner Name	Phung H.J. Nguyen
Attorney Docket Number	1809/61/2 PCT/US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	163	US-2001/0036158 A1	11-01-2001	Hallenstet et al.	
	164	US-6,298,055 B1	10-02-2001	Wildfeuer	
	165	US-6,295,302 B1	09-25-2001	Heilwig et al.	
	166	US-6,275,576 B1	08-14-2001	De Trana et al.	
	167	US-6,272,358 B1	08-07-2001	Brent et al.	
	168	US-6,256,612 B1	07-03-2001	Vo et al.	
	169	US-6,185,424 B1	02-06-2001	Pon et al.	
	170	US-6,172,990 B1	01-09-2001	Deb et al.	
	171	US-6,147,988	11-14-2000	Bartholomew et al.	
	172	US-6,144,867	11-07-2000	Doshi et al.	
	173	US-6,141,784	10-31-2000	Davis et al.	
	174	US-6,078,595	06-20-2000	Jones et al.	
	175	US-6,046,999	04-04-2000	Miki et al.	
	176	US-6,026,086	02-15-2000	Lancelot et al.	
	177	US-6,006,189	12-21-1999	Strawczynski et al.	
	178	US-5,999,529	12-07-1999	Bernstein et al.	
	179	US-5,995,923	11-30-1999	Mermelstein et al.	
	180	US-5,933,487	08-03-1999	Strickland	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ² - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>			Complete if Known	
	Application Number	10/599,088		
	Filing Date	9/19/2006		
	First Named Inventor	Chung-Cheung Chu		
	Art Unit	2614		
	Examiner Name	Phung H.J. Nguyen		
Sheet	11	of	18	Attorney Docket Number
				1809/61/2 PCT/US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	181	US-5,905,873	05-18-1999	Hartmann et al.	
	182	US-5,740,157	04-14-1998	Demiray et al.	
	183	US-5,710,978	01-20-1998	Hill et al.	
	184	US-5,375,121	12-20-1994	Nishino et al.	
	185	US-5,295,136	03-15-1994	Ashley et al.	
	186	US-4,545,052	10-01-1985	Steierman	
	187	US-4,455,849	06-09-1984	Esteban et al.	
	188	US-4,048,445	09-13-1977	Hafner et al.	
	189	US-3,652,798	03-28-1972	McNeilly et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ² (if known)	MM-DD-YYYY			
	190	WO 2005/050960 A1	06-02-2005	Cingular Wireless II, LLC		
	192	WO 2004/075582 A1	09-02-2004	Nortel Networks Limited		
	193	CN 1504039 A	06-09-2004	Santera Systems, Inc.		
	194	WO 03/103313 A1	12-11-2003	Siemens Aktiengesellschaft		
	195	GB 2 388 486 A	12-10-2003	Motorola Inc.		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial-if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/599,088
Filing Date	9/19/2006
First Named Inventor	Chung-Cheung Chu
Art Unit	2614
Examiner Name	Phung H.J. Nguyen
Attorney Docket Number	1809/61/2 PCT/US

Sheet 12 of 18

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	195	WO 03/043299 A1	05-22-2003	Santera Systems Inc.		
	197	GB 2363295	12-12-2001	IBM		
	198	WO 01/28390 A1	04-12-2001	International		
	199	EP 1 075 466 A1	02-14-2001	Lucent Technologies Inc.		
	200	WO 00/70885	11-23-2000	International		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>			Complete if Known		
			Application Number	10/599,088	
			Filing Date	9/19/2006	
			First Named Inventor	Chung-Cheung Chu	
			Art Unit	2614	
			Examiner Name	Phung H.J. Nguyen	
			Attorney Docket Number	1809/61/2 PCT/US	
Sheet	13	of	18		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ - Number ⁴ - Kind Code ⁵ (if known)				
	201	WO 00/51330	08-31-2000	International		
	202	EP 1 017 217 A2	07-05-2000	Nortel Networks Corporation		
	203	DE 198 29 822 A1	01-05-2000	Siemens AG		
	204	WO 99/40559	08-12-1999	Nokia Telecommunications Oy		
	205	WO 99/291326	08-10-1999	Telefonaktiebolaget LM Ericsson		

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

15

of

18

Complete If Known

Application Number	10/599,088
Filing Date	9/19/2006
First Named Inventor	Chung-Cheung Chu
Art Unit	2614
Examiner Name	Phung H.J. Nguyen
Attorney Docket Number	1809/61/2 PCT/US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	207	Notice of Allowance for U.S. Patent Application Serial No. 11/965,994 (March 16, 2011).	
	208	Final Official Action for U.S. Patent Application Serial No. 10/782,754 (February 15, 2011).	
	209	Notice of Allowance and Fee(s) Due for U.S. Patent Application Serial No. 11/589,435 (January 11, 2011).	
	210	Interview Summary for U.S. Patent Application Serial No. 11/589,435 (December 1, 2010).	
	211	Official Action for U.S. Patent Application Serial No. 10/782,754 (August 3, 2010).	
	212	Official Action for U.S. Patent Application Serial No. 10/782,754 (February 26, 2010).	
	213	Official Action for U.S. Patent Application Serial No. 10/782,754 (September 4, 2009).	
	214	"3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Comfort Noise Aspects for Enhanced Full Rate (EFR) Speech Traffic Channels (Release 7)," 3GPP TS 46.062 V7.0.0 (June 2007).	
	215	"3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Enhanced Full Rate (EFR) Speech Transcoding (Release 7)," 3GPP TS 46.060 V7.0.0 (June 2007).	
	216	"3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3 (Release 7) 3GPP TS 28.062 V7.0.0, pgs. 1-183 (June 2007).	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet		16	of	18	<table border="1"> <tr> <th colspan="2">Complete if Known</th> </tr> <tr> <td>Application Number</td> <td>10/599,088</td> </tr> <tr> <td>Filing Date</td> <td>9/19/2006</td> </tr> <tr> <td>First Named Inventor</td> <td>Chung-Cheung Chu</td> </tr> <tr> <td>Art Unit</td> <td>2614</td> </tr> <tr> <td>Examiner Name</td> <td>Phung H.J. Nguyen</td> </tr> <tr> <td>Attorney Docket Number</td> <td>1809/61/2 PCT/US</td> </tr> </table>	Complete if Known		Application Number	10/599,088	Filing Date	9/19/2006	First Named Inventor	Chung-Cheung Chu	Art Unit	2614	Examiner Name	Phung H.J. Nguyen	Attorney Docket Number	1809/61/2 PCT/US
Complete if Known																			
Application Number	10/599,088																		
Filing Date	9/19/2006																		
First Named Inventor	Chung-Cheung Chu																		
Art Unit	2614																		
Examiner Name	Phung H.J. Nguyen																		
Attorney Docket Number	1809/61/2 PCT/US																		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	217	"Series G: Transmission Systems and Media, Digital Systems and Networks; Digital Terminal Equipments – Coding of Analogue Signals by Methods Other than PCM; Coding of Speech at 8 kbit/s Using Conjugate-Structure Algebraic-Code-Excited Linear Prediction (CS-ACELP), pgs. 1-146 (January 2007).	
	218	"3 rd Generation Partnership Project; Technical Specification Group Core Network and Terminals; Core Network Nb Interface user Plane Protocols (Release 5)," 3GPP TS 29.415 V5.2.0, pgs. 1-14 (December 2006).	
	219	"Series H: Audiovisual and Multimedia Systems; Infrastructure of Audiovisual Services – Communication Procedures; Gateway Control Protocol: Version 3," ITU-T H.248.1, pgs. 1-206 (September 2005).	
	220	"3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Vocabulary for 3GPP Specification (Release 7)," 3GPP TR 21.905 V7.0.0, pgs. 1-54 (September 2005).	
	221	"Third Generation Partnership Project; Technical Specification Group Core Network and Terminals; Interworking Between the IP Multimedia (IM) Core Network (CN) Subsystem and Circuit Switched (CS) Networks (Release 6)" 3GPP TS 29.163, pgs. 1-128 (June 2005).	
	222	AGILENT TECHNOLOGIES, "UMTS Network and Service Assurance," International Engineering Consortium, http://www.iec.org/online/tutorials/agilent_umts_network/topic03.html , pgs. 1-4 (Copyright 2005).	
	223	"Digital Cellular Telecommunications System Phase (2+); Universal Mobile Telecommunications System (UMTS); AMR Speech Codec, Wideband; Interface to Lu and Uu (3GPP TS 26.202 version 6.0.0 Release 6)," Global System for Mobile Communications ETSI TS 126 202, pgs. 1-14 (December 2004).	
	224	"3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Mandatory Speech Codec Speech Processing Functions; Adaptive Multi-Rate (AMR) Speech Codec Frame Structure (Release 6), 3GPP TS 26.101 V6.0.0, pgs. 1-20 (September 2004).	
	225	International Search Report and Written Opinion of PCT/CA2004/0003000 mailed on July 15, 2004.	
	226	R.L. Bunting (Editor), "Transcoder Free Operation," 3 rd Generation Partnership, Version 1.0, Project 2 (March 18, 2004).	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO		Complete If Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/599,088		
		Filing Date	9/19/2006		
		First Named Inventor	Chung-Cheung Chu		
		Art Unit	2614		
		Examiner Name	Phung H.J. Nguyen		
Sheet	17	of	18	Attorney Docket Number	1809/61/2 PCT/US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	227	Partial International Search Report, PCT/CA03/00972 (November 3, 2003).	
	228	"3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; UTRAN lu Interface, User Plane Protocols (Release 4)," 3GPP TS 25.415 V4.7.0, pgs. 1-62 (December 2002).	
	229	SJOBERG ET AL., "Real-Time Transport Protocol (RTP) Payload Format and File Storage Format for the adaptive Multi-Rate (AMR) and Adaptive Multi-Rate Wideband (AMR-WB) Audio Codecs," Network Working Group, http://www.ietf.org/rfc/rfc3267.html , pgs. 1-48 (June 2002).	
	230	ETSI: "Digital Cellular Telecommunications System (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS): Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3 (3GPP TS 28.062 version 5.0.0 Release 5) ETSI TS 28 062 V5.0.0, xx,xx, March 2002 (2002-03), pages 14-19, 35-51, 56-59, 81-88, 164-168, XP002248624.	
	231	"3 rd Generation Partnership Project; Technical Specification Group Core Network; Bearer-independent Circuit-Switched Core Network; Stage 2 (Release 4)," 3GPP TS 23.205 V4.4.0, pgs. 1-183 (March 2002).	
	232	"3 rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3 (Release 5)," 3GPP TS 28.062 V5.0.0, pgs. 1-175 (March 2002).	
	233	"3 rd Generation Partnership Project; Technical Specification Group Core Network; Out of Band Transcoder Control - Stage 2; (Release 4)," 3GPP TS 23.153 V4.4.0 Release 4, pgs. 1-45 (December 2001).	
	234	ETSI TS 128 062 V4.2.0 (2001-12) Technical Specification; Digital Cellular Telecommunications System (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Inband Tandem Free Operation (TFO) of Speech Codecs; Service Description; Stage 3 (3GPP TS 28.062 version 4.2.0 Release 4).	
	235	"3 rd Generation Partnership Project; Technical Specification Group (TSG) RAN3; Transcoder Free Operation (Release 4)," 3GPP TR 25.953 V4.0.0, pgs. 1-15 (March 2001).	
	236	Third Generation Partnership Project, "Meeting Report v3.0.0, 3GPP TSG-TrFO Workshop#04, pgs. 1-18 (October 17-19, 2000).	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number	10/599,088
Filing Date	9/19/2006
First Named Inventor	Chung-Cheung Chu
Art Unit	2614
Examiner Name	Phung H.J. Nguyen
Attorney Docket Number	1809/61/2 PCT/US

Sheet	18	of	18
-------	----	----	----

[illegible]Date
Considered

Applicant's unique claim designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 4.998. The information is required to obtain or retain a benefit by the public which is to file [and by the USPTO to process] an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.